IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT Alok Singh, Yongwoo Lee, Ivan Stanish and Eddie Chang who are citizens of the United States of America, and are residents of Springfield, VA, Alexandria, VA, Alexandria, VA and Silver Spring, MD, invented certain new and useful improvements in "CATALYTIC SURFACES FOR ACTIVE PROTECTION FROM TOXINS" of which the following is a specification:

Please Contact Preparer:

Rebecca L. Forman

Reg. No. 50,452 Tel: 202-404-1554

Date: December 23, 2003